```
=> screen 970 AND 2067

L1      SCREEN CREATED

=>
Uploading C:\Program Files\Stnexp\Queries\0988912.str

L2       STRUCTURE UPLOADED

=> que L2 AND L1

L3    QUE L2 AND L1

=> d
L3 HAS NO ANSWERS
L1               SCR 970 AND 2067
L2               STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.
L3               QUE  ABB=ON  PLU=ON  L2 AND L1


=> s 13 sss sam
SAMPLE SEARCH INITIATED 14:18:41 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      29 TO ITERATE

100.0% PROCESSED      29 ITERATIONS                     1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        257 TO       903
PROJECTED ANSWERS:             1 TO        80

L4               1 SEA SSS SAM L2 AND L1

=> d

L4    ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS on STN
RN    150048-73-0  REGISTRY
CN    2-Propenoic acid, 2-methyl-, 1-(2-anthracenyl)ethyl ester, polymer with
      ethenylbenzene (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    Benzene, ethenyl-, polymer with 1-(2-anthracenyl)ethyl
      2-methyl-2-propenoate (9CI)
MF    (C20 H18 O2 . C8 H8)x
CI    PMS
PCT   Polyacrylic, Polystyrene
SR    CA
LC    STN Files:   CA, CAPLUS

      CM    1

      CRN  54720-11-5
      CMF  C20 H18 O2
```
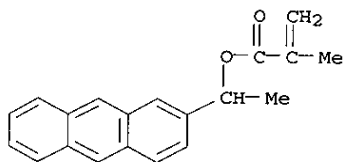


```
      CM    2

      CRN  100-42-5
      CMF  C8 H8


H2C ═══ CH ─ Ph


            1 REFERENCES IN FILE CA (1907 TO DATE)
            1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
```

```
=> FIL CAPLUS HCAPLUS USPATFUL
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                     ENTRY       SESSION
FULL ESTIMATED COST                                  2.08          2.29

FILE 'CAPLUS' ENTERED AT 14:18:58 ON 19 NOV 2003
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FILE 'USPATFULL' ENTERED AT 14:18:58 ON 19 NOV 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l4
L5              2 L4

=> d l5 1-2 ibib hitstr

L5   ANSWER 1 OF 2   CAPLUS   COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER:          1993:562441  CAPLUS
DOCUMENT NUMBER:           119:162441
TITLE:                     Photochemical dimerization in hydrophilicity
                           improvement of (in)organic articles
INVENTOR(S):               Irie, Masahiro; Kishimoto, Soichiro
PATENT ASSIGNEE(S):        Unitika Ltd, Japan
SOURCE:                    Jpn. Kokai Tokkyo Koho, 6 pp.
                           CODEN: JKXXAF
DOCUMENT TYPE:             Patent
LANGUAGE:                  Japanese
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.        KIND  DATE        APPLICATION NO.   DATE
     ---------------   ----  --------    ---------------   --------
     JP 05024951       A2    19930202    JP 1991-208592    19910724
PRIORITY APPLN. INFO.:                   JP 1991-208592    19910724
IT   150048-73-0
     RL: USES (Uses)
         (plates, hydrophilic treatment for with UV irradn., in presence of
         hydrophilic group-contg. anthracenes)
RN   150048-73-0  CAPLUS
CN   2-Propenoic acid, 2-methyl-, 1-(2-anthracenyl)ethyl ester, polymer with
     ethenylbenzene (9CI)  (CA INDEX NAME)

     CM    1

     CRN  54720-11-5
     CMF  C20 H18 O2
```
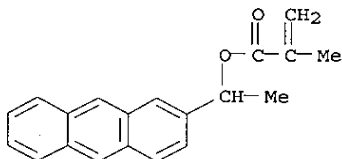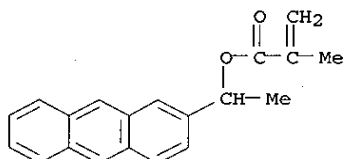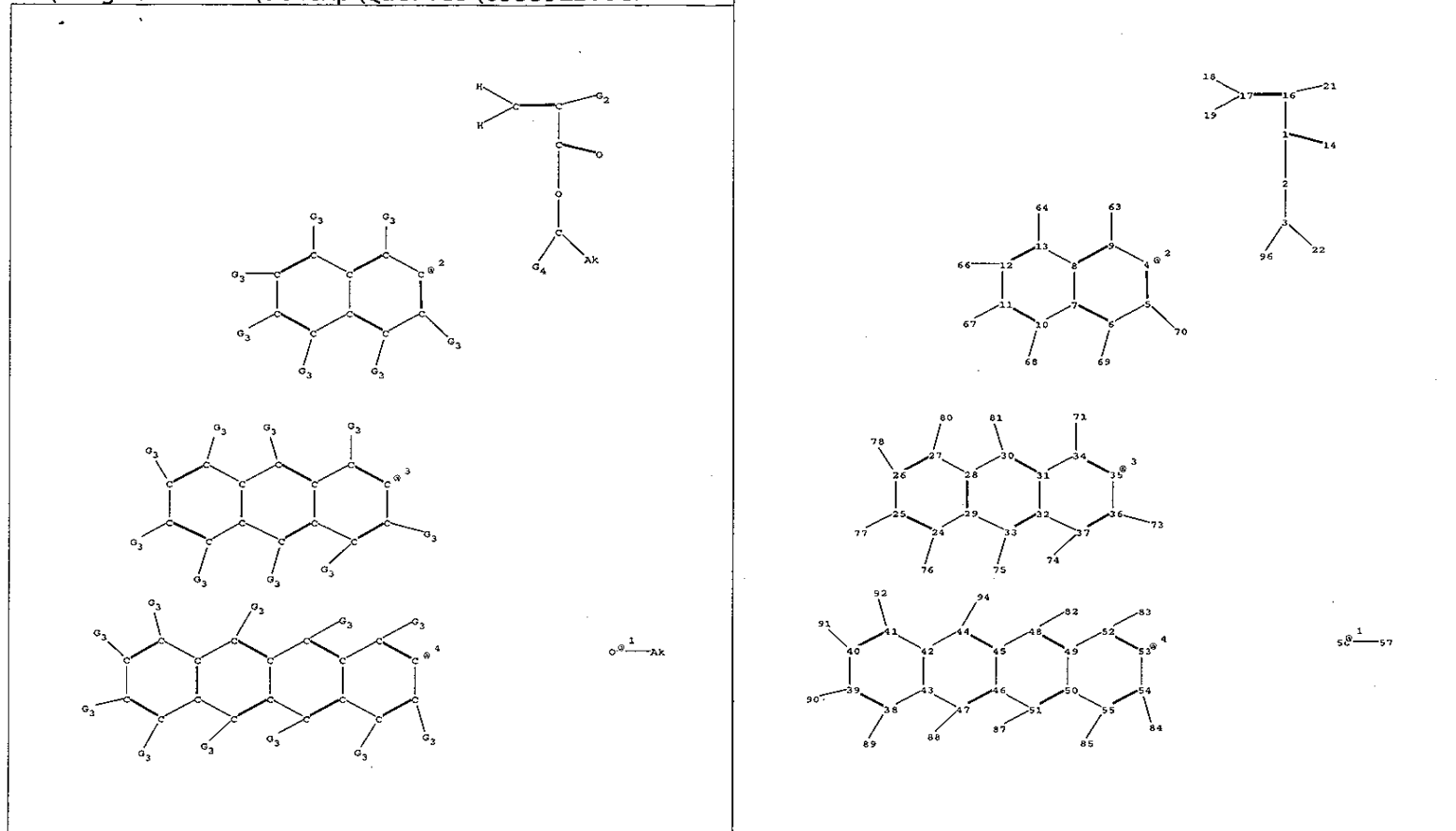


```
     CM    2

     CRN  100-42-5
     CMF  C8 H8


H2C══CH─Ph


L5   ANSWER 2 OF 2   HCAPLUS   COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER:          1993:562441  HCAPLUS
```

$H_2C = CH - Ph$

chain nodes :
    1   2   3   14   16   17   18   19   21   22   56   57   63   64   66   67   68   69   70   71   73   74   75   76
    77   78   80   81   82   83   84   85   87   88   89   90   91   92   94   96
ring nodes :
    4   5   6   7   8   9   10   11   12   13   24   25   26   27   28   29   30   31   32   33   34   35   36   37
    38   39   40   41   42   43   44   45   46   47   48   49   50   51   52   53   54   55
chain bonds :
    1-2   1-14   1-16   2-3   3-22   3-96   5-70   6-69   9-63   10-68 11-67 12-66 13-64 16-17
    16-21 17-18 17-19 24-76 25-77 26-78 27-80 30-81 33-75 34-71 36-73 37-74 38-89
    39-90 40-91 41-92 44-94 47-88 48-82 51-87 52-83 54-84 55-85 56-57
ring bonds :
    4-9   4-5   5-6   6-7   7-8   7-10   8-9   8-13   10-11 11-12 12-13 24-25 24-29 25-26 26-27
    27-28 28-29 28-30 29-33 30-31 31-32 31-34 32-33 32-37 34-35 35-36 36-37 38-39
    38-43 39-40 40-41 41-42 42-43 42-44 43-47 44-45 45-46 45-48 46-47 46-51 48-49
    49-50 49-52 50-51 50-55 52-53 53-54 54-55
exact/norm bonds :
    1-2   1-14   2-3   3-22   3-96   5-70   6-69   9-63   10-68 11-67 12-66 13-64 16-21 24-76
    25-77 26-78 27-80 30-81 33-75 34-71 36-73 37-74 38-89 39-90 40-91 41-92 44-94
    47-88 48-82 51-87 52-83 54-84 55-85 56-57
exact bonds :
    1-16   16-17 17-18 17-19
normalized bonds :
    4-9   4-5   5-6   6-7   7-8   7-10   8-9   8-13   10-11 11-12 12-13 24-25 24-29 25-26 26-27
    27-28 28-29 28-30 29-33 30-31 31-32 31-34 32-33 32-37 34-35 35-36 36-37 38-39
    38-43 39-40 40-41 41-42 42-43 42-44 43-47 44-45 45-46 45-48 46-47 46-51 48-49
    49-50 49-52 50-51 50-55 52-53 53-54 54-55

G1:H

G2:H,CH3

G3:F,H,[*1]

G4:[*2],[*3],[*4]

```
Match level :
    1:CLASS   2:CLASS   3:CLASS   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom  10:Atom  11:Atom
   12:Atom   13:Atom   14:CLASS  16:CLASS  17:CLASS  18:CLASS  19:CLASS  21:CLASS  22:CLASS
   24:CLASS  25:Atom   26:Atom   27:Atom   28:Atom   29:Atom   30:Atom   31:Atom   32:Atom   33:Atom
   34:Atom   35:Atom   36:Atom   37:Atom   38:Atom   39:Atom   40:Atom   41:Atom   42:Atom   43:Atom
   44:Atom   45:Atom   46:Atom   47:Atom   48:Atom   49:Atom   50:Atom   51:Atom   52:Atom   53:Atom
   54:Atom   55:Atom   56:CLASS  57:CLASS  63:CLASS  64:CLASS  66:CLASS  67:CLASS  68:CLASS
   69:CLASS  70:CLASS  71:CLASS  73:CLASS  74:CLASS  75:CLASS  76:CLASS  77:CLASS  78:CLASS
   80:CLASS  81:CLASS  82:CLASS  83:CLASS  84:CLASS  85:CLASS  87:CLASS  88:CLASS  89:CLASS
   90:CLASS  91:CLASS  92:CLASS  94:CLASS  96:CLASS
Element Count :
   Node 22: Limited
       C,C1-4
```